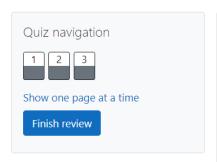
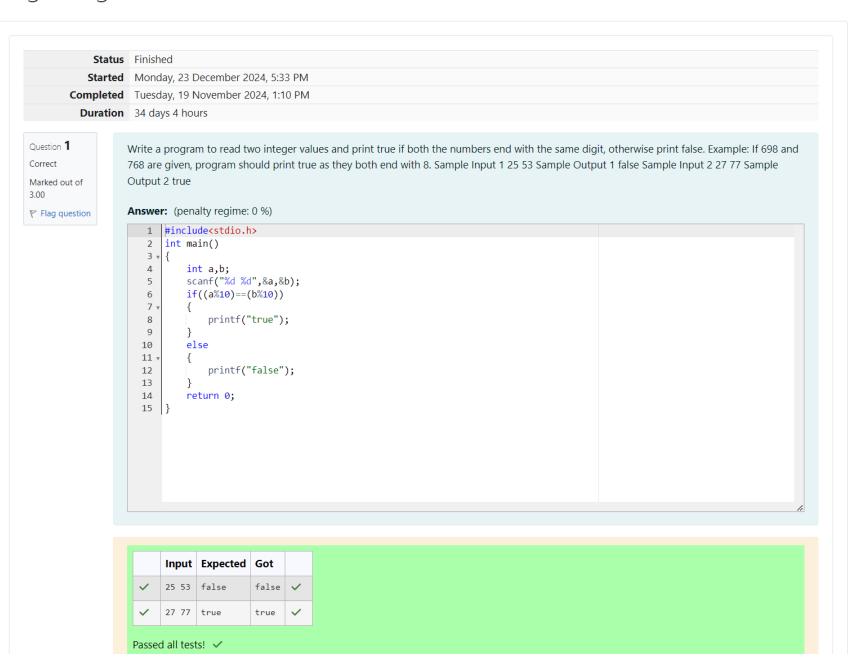
GE23131-Programming Using C-2024





Question $\mathbf{2}$

Correct

Marked out of

Flag question

Objective

In this challenge, we're getting started with conditional statements.

Task

Given an integer, **n**, perform the following conditional actions:

- · If **n** is odd, print Weird
- · If *n* is even and in the inclusive range of 2 to 5, print *Not Weird*
- · If *n* is even and in the inclusive range of *6* to *20*, print *Weird*
- · If *n* is even and greater than *20*, print *Not Weird*

Complete the stub code provided in your editor to print whether or not \mathbf{n} is weird.

Input Format

A single line containing a positive integer, n.

Constraints

· 1 ≤ n ≤ 100

Output Format

Print Weird if the number is weird; otherwise, print Not Weird.

Sample Input 0

3

Sample Output 0

Weird

Sample Input 1

24

Sample Output 1

Not Weird

Explanation

Sample Case 0: n = 3

n is odd and odd numbers are weird, so we print **Weird**.

Sample Case 1: **n = 24**

n > 20 and n is even, so it isn't weird. Thus, we print Not Weird.

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
   int main()
 2
 3 ▼ {
 4
       int n;
       scanf("%d",&n);
 5
 6
       if(n%2==0)
 7
           if(n>=2&&n<=5)
 8
 9 .
           printf("Not Weird");
10
11
12
           else if(n>=6&&n<=20)
13
           printf("Weird");
14
15
16
           else
17
           printf("Not Weird");
18
19
20
21
           else
22
           printf("Weird");
23
24
25
           return 0;
```

26 }

	Input	Expected	Got	
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~

Passed all tests! <

Question **3**Correct
Marked out of

7.00

Flag question

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to the square of the third. For example, 3, 5 and 4 form a Pythagorean triple, since 3*3 + 4*4 = 25 = 5*5 You are given three integers, a, b, and c. They need not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
 2
    int main()
 3 ▼ {
 4
        int a,b,c;
 5
        scanf("%d %d %d",&a,&b,&c);
       if((a*a==b*b+c*c)||(b*b==a*a+c*c)||(c*c==a*a+b*b))
 6
 7
 8
           printf("yes\n");
 9
10
        else
11
           printf("no");
12
13
14
        return 0;
15 }
```

	Input	Expected	Got	
~	3	yes	yes	~
	5			
	4			
	_			

Passed all tests! ✓